



# Food Aid Quality Review Phase II: Technical Report No. 2

**January 2012-March 2012**

This report was produced for review by the United States Agency for International Development. It was prepared by Tufts University, under the terms of contract AFP-C-00-09-00016-00 awarded to the Friedman School of Nutrition Science and Policy.

**Acronyms**

APSS	Annual Program Statements
CBOs	Country Backstop Officers
CRDs	Commodity Requirement Documents
CRS	Catholic Relief Services
CSB	Corn Soy Blend
FANTA III	Food and Nutrition Technical Assistance Program III
FAQR Phase I	Food Aid Quality Review Phase I
FAQR Phase II	Food Aid Quality Review Phase II
FBF	Fortified Blended Food
FFP	Office of Food for Peace (USAID)
FVO	Fortified Vegetable Oil
GAIN	Global Alliance for Improved Nutrition
GF&N	Global Food & Nutrition Inc.
IFAC	Interagency Food Aid Committee (FAQR recommendation)
INF	Nevin Scrimshaw International Nutrition Foundation
MCHN	Maternal and Child Health and Nutrition
NGO	Non Governmental Organization
PI	Principal Investigator
PL 480	Public Law 480 (Agricultural Trade Development and Assistance Act)
PLW	Pregnant or Lactating Women
PM2A	Preventing Malnutrition in Children Under 2 Approach
PVO	Private Voluntary Organization
RUSF	Ready to Use Supplementary Food
SOW	Statement of Work
USAID	United States Agency for International Development
USDA	United States Department of Agriculture
WFP	World Food Programme (United Nations)
WHO	World Health Organization

## **Background Information**

The United States Agency for International Development's (USAID) Office of Food for Peace awarded a two-year extension contract (FAQR Phase II) to Tufts University's Friedman School of Nutrition Science and Policy in October 2011. FAQR Phase I, conducted from 2009 to 2011, examined the nutritional needs of beneficiary populations across the developing world and the nutritional quality of commodities currently available to meet those needs, with the objective of improving the quality of Title II food aid commodities and programming. The findings of FAQR Phase I were published as a report, *Delivering Improved Nutrition: Recommendations for Changes to U.S. Food Aid Products and Programs* (USAID, April 2011), which is available at [www.foodaidquality.org](http://www.foodaidquality.org).

The FAQR is part of a series USAID and United States Department of Agriculture (USDA) activities aimed at enhancing product choice under Title II of Public Law 480 (PL480), improving quality control and assurance (of both processes and products), and updating technical guidance and the evidence base for programming approaches. The present contract builds on work performed under the original FAQR and will focus on implementing recommendations made in Phase I for changes in food aid products, programming, and processes.

FAQR Phase II activities include: advancing the evidence base through production and testing of improved food products, their packaging and delivery methods, and comparative studies of products' nutritional effectiveness, implementation research and pilot projects, and facilitation of interagency and multi-sectoral coordination. FAQR Phase II continues its consultative process to interact with and solicit input from a wide range of stakeholders.

The work of the FAQR Phase II continues to address three areas of focus: products (development and testing of new or modified nutritionally enhanced food aid commodities); programs (the uses of such foods to meet nutritional goals in the context of Title II programs); and processes (e.g., safety and quality assurance in the supply chain, harmonization of processes among donor agencies, and coordination among agencies within the US Government). Specific areas of concentration include the following:

### **Products**

Phase II is focusing on the development of specifications of the updated FBFs including CSB14, as well as milled flours, enhanced vegetable oil, and the micronutrient premix(es); CSB laboratory and pilot production testing; acceptability trials; assessments and recommendations for supply chain and related issues.

### **Programs**

Activities include strengthening the evidence base for food assistance programming through expert consultations and workshops on key topics and issues with representatives of the various Title II implementing agencies and other stakeholders. Two specific studies are being undertaken: a) the review of program guidance provided to Title II implementing agencies and, b) a review of the data collected from Title II implementing agencies as part of required reporting, and how the data are used to inform programming.

Field studies will also be initiated in two countries to assess the feasibility of ensuring that CSB is programmed with oil, and the impact of package changes, in conjunction with appropriate behavior change messages, on correct use, and other aspects such as intrahousehold sharing. Once the new CSBI4 is developed, field studies will be conducted in two countries assessing the effectiveness and cost effectiveness of the new CSBI4, delivered with oil, in the prevention and treatment of moderate wasting (moderate acute malnutrition or MAM) and in the prevention of stunting in children under age two, as compared with alternatives such as lipid-based nutrition supplement (LNS) products.

**Processes**

FAQR II focuses on the formation of an Interagency Food Aid Technical Committee as well as implementing regular meetings with major food aid agencies (WFP, UNICEF, USAID, USDA, and others) to address the need for harmonization of food products and related procurement and quality assurance processes used in the Title II food aid. Regular work is being done with industry and other stakeholders to promote public/private partnerships for innovation, and ensure stakeholder input.

**Activities for the period January 1, 2012 – March 31, 2012****Implementation of Phase II**

This quarter focused on

- a) Products: reviewing current and drafting updated specifications for CSB, milled cereals, vegetable oil, and other FBFs; incorporating these specifications into Section I of the most current USDA CRDs (Commodity Requirements Documents); and seeking partners to produce pilot amounts of CSBI4, doubly fortified vegetable oil and fortified cereals,
- b) Programs: CSB +oil study, repackaging study, review of uses of data and program guidance given to Implementing agencies, planning of workshops (protein)
- c) Processes: continuing process to make progress toward harmonization of products and programming with WFP and USDA, interagency coordination with USAID and USDA, and stakeholder meetings.

**A. Products****Review of Specifications**

Nina Schlossman, Quentin Johnson and Nicole Coglianese worked together to take stock of, review, and compare nutritional and product specifications for the fortified foods provided by USAID and WFP as a first step in developing a revised set of specifications for Title II fortified blended foods (FBFs), fortified vegetable oil (FVO) and milled cereals. The team also continued communication with key stakeholders to explore possible public-private partnership arrangements for pilot production and testing of the new products. In particular, the team has been investigating various options for pilot production of doubly fortified oil with vitamin A and D and pilot production of CSBI4 for testing, accelerated shelf-life and acceptability trials

**Preparation of Draft Commodity Requirements Documents (CRDs)**

Quentin Johnson worked with the FAQR Team to draft the revised specification sections for 19 product CRDs for fortified cereals, fortified vegetable oil and CSB/WVB products. The team worked from the latest documents posted on the USDA website. The modifications are focused on the product specification language in Section I of the CRDs. These revised drafts were produced and submitted to USAID/FFP during the quarter. USAID will be forwarding them to USDA to incorporate in revised CRDs. Additionally, a specification for a stand-alone premix (a new product offering under Title II), both industrial and home versions, was prepared and submitted to USAID/FFP.

**B. Programs****CSB +Oil Study and Repackaging Study**

The team has been working to finalize selection of countries in which to conduct field studies and has been consulting with USAID/FFP Country Backstop Officers (CBOs) and Implementing Agency staff members. Based on specific criteria, Catholic Relief Services (CRS) Malawi was selected as a “non-emergency” country. In order to test FAQR recommendations, the study in

Malawi will assess a) the feasibility of delivering CSB with oil to beneficiaries in Maternal and Child Health and Nutrition (MCHN) programs administered by non-governmental organizations (NGOs) that use Title II commodities, and b) the effect of modifying the packaging of CSB to improve communication of appropriate uses.

The Tufts Team has had several consultations with CRS headquarters and CRS Malawi staff in order to select sub-partners and regions to focus the field studies.

### **Uses of Information**

Harley Stokes, new FAQR II Team Member, began a review of the data collected from Title II implementing agencies as part of required reporting (routine reporting and periodic mid-term and final evaluations) with the goal of ensuring that these data are used optimally not only to monitor program operations, but also to inform and improve program design.

This will be a comprehensive review of information reporting requirements for Title II programs, how and where the information is stored, and how it is used, both by USAID/Food for Peace and by the Implementing Agencies. This review will involve interviews with staff from Food for Peace and other food assistance programs.

The goal of the review is to a) understand how information is currently used in order to make recommendations for ensuring that the information can be more easily and effectively used for cross-country, cross-program, and multi-year analyses as well as b) assess the effectiveness of programs and program components in order to inform future program design.

This activity is part of the larger objective of improving the evidence base for the design of Title II programs.

### **Program Guidance to Title II Implementing Partners**

The FAQR team began the review of program guidance given to Title II Implementing Partners to use in proposal development. We developed the scope of work for the task, which will include stakeholder consultations, compiling and reviewing relevant pieces of guidance, and a review of the Commodity Reference Guide. During the quarter, the FAQR team provided comments and input to USAID on the process of updating the commodity specifications in the Commodity Fact Sheets of the Commodity Reference Guide. FAQR will assist USAID on updating these specifications in the CRG once an initial review has been completed by USAID.

### **Protein Quality Workshops**

USAID requested that the FAQR team convene an expert meeting to determine the state of the science and evidence about protein (quality and sources) in relation to the needs of nutritionally vulnerable groups (Protein Quality Workshop #1). The FAQR Phase II Team has been working with Dr. Shibani Ghosh, Professor at the Friedman School of Nutrition Science and Policy and Senior Scientist of the Nevin Scrimshaw International Nutrition Foundation (INF) and Devika Suri, Program Officer at INF, on identifying experts and developing the program for the expert consultation/symposium. The team sent out invitations to agency members and contacted all

speakers to determine presentation topics and session formats (please refer to **Annex II** for the most updated Agenda).

A second open meeting is planned for July 11, 2012 in Washington, DC (Protein Quality Workshop #2) to discuss more broadly the various industry and commodity lobby concerns relating to recommendations surrounding food aid quality enhancement. This will include, but not be limited to, WFP's promotion of multiple forms of CSB, the FAQR's recommendations on addition of whey, potential packaging changes, challenges involved in promoting performance-based specifications, etc.

## **C. Processes**

### **Continuation of the harmonization process with WFP and USAID**

The FAQR Phase II Team held its second harmonization meeting on January 31, 2012 with participants from USDA, USAID, WFP, GF&N, and Tufts University. The purpose of this second harmonization meeting was to engage with WFP specialists as well as USDA partners in moving forward on recommendations made in FAQR Phase II and to focus on harmonization issues in relation to a) product specifications and formulations; b) quality assurance and control requirements; c) packaging; d) policy processes around the review of new or changed products; and e) problem resolution/common approaches to supplier review and approval.

The second harmonization meeting supplemented and expanded on the first harmonization meeting. There was a continued commitment to the process of interagency engagement centered on product specifications, programming approaches, institutional processes, procurement and labeling. This was seen to be important step in enhancing the coordination and effectiveness of programming of food aid that has nutritional intent, to reduce confusion at field level in matching of diverse products for diverse purposes, and to present a more unified front to donors and industry at a time of perceived proliferation of new products, formulations and standards. Not all areas of agency activity can or should be harmonized, but there is wide agreement that enhanced coordination and collaboration is needed and timely (See **Annex II** for the agenda). A third meeting is planned for the third quarter.

### **Interagency Coordination**

In order to proceed with recommendations from the Food Aid Quality Review Report, the team explored options to create an Interagency Food Aid Technical Committee that a) has decision making power; b) plays a role in commodity approval; c) has representation from USAID, USDA, and other pertinent US Government agencies; d) is comprised of members at a sufficiently high level and with appropriate technical expertise.

This quarter, the FAQR Phase II team reviewed literature on potential US committee structures, reviewed GAO recommendations, and consulted with firms.

### **Industry and PVO Stakeholder Meetings**

The FAQR II team has planned Industry and PVO stakeholder meetings to be held in May for team members to discuss the recommendations and seek industry and PVOs' input in defining the

way forward. The objective of the side meetings is to provide an opportunity for FAQR II team members to update representatives from industry and PVOs on FAQR II progress to date and to seek input on future tasks.



**Meetings, Consultations and Events during the period January 1- March 31, 2011****I.1 Stakeholder Consultation**

- The consultative process continued throughout this quarter, including consultation with USAID country backstops, PVOs, and WFP to determine field study country selection.
- There was consultation with experts on interagency coordination between USAID and USDA.
- Meetings were held with various stakeholders in industry, PVOs, researchers and scientists, and donor organizations.

**I.2 Meetings and Events**

The team continued to hold working group meetings throughout the quarter for the purpose of planning FAQR Phase II activities. Selected specific meetings included the following:

- USAID Country Back Stop Officers (CBOs) telephone conferences (during January and February 2012), Dr. Rogers, Co-PI, and Shelley Marcus, FAQR II Research Coordinator, held several conferences with CBOs to discuss the criteria for the CSB+oil study and repackaging study.
- Harmonization Meeting #2, January 31, 2012, participants were from USDA, USAID, WFP, GF&N, and Tufts University. The purpose of this second harmonization meeting was to engage with WFP specialists as well as USDA partners in moving forward on recommendations made in the first phase. At this meeting steps were taken to move towards functional equivalency in products formulated by WFP and FAQR, to set up regular, formal inter-agency meetings essential for communication, to ensure resource efficiency among agencies and to present a more unified process of programming. Take away points included the need for: a standardized package size for food aid products, the necessity of long term contracts with suppliers, a more streamlined process of product procurement, and agreement and finalization of product specifications.
- Protein Meeting Planning Sessions, these sessions were held on a regular basis throughout the quarter. Members of the protein planning committee, Irv Rosenberg, Shibani Ghosh, Devika Suri and Shelley Marcus sent out meeting invitations, finalized a draft, read through meeting abstracts and made overall Protein Quality Workshop plans.
- FAQR Phase II Planning Meeting March 12, 2012, the FAQR II team worked with new team member, Harley Stokes, to plan next steps to review how Title II implementing partners use data. The team also discussed various FAQR Phase II activities.
- Kathmandu WFP Meeting, March 21, 2012, Dr. Webb, PI, held a meeting in Kathmandu with the WFP Country Director and two program officers to discuss local implications of shifts to new formulated products and the potential for local and regional processing and bagging.
- FAQR Phase II Team Meeting, March 26-27, 2012. FAQR Phase II Team members (including new team member, Dr. Vosti) met to discuss activities and next steps for FAQR II Programs and Processes. This meeting also served as a way to update and gain feedback from our COTR. Please see agenda (**Annex IV**). At this time, updates on the FAQR hosted protein meeting were discussed, as well as plans for industry and PVO side meetings at the International Food Aid Conference (IFADC) in Kansas City.

- Harley Stokes, FAQR Phase II Team Member and Bea Rogers, co-PI held March 20, 2012 meetings with:
  - Global Food & Nutrition Team to ensure coordination between the “Uses of Data” and program guidance components of FAQR II.
  - Bobbie van Haften and Mary Ann Anderson, the Food Aid Food Security Assessment (FAFSA) authors to learn more about FAFSA guidance on exit strategies and program management performance.
  - Catherine Feeney of WFP to discuss differences in reporting between World Food Program and other Title II recipients.
  - Joan Jennings, Arif Rashid, Mark Fritzler and GFN team to coordinate with TOPS initiatives and discuss the “Uses of data” stakeholder meeting to be held in the early fall.
- Harley Stokes, FAQR Phase II Team Member attended:
  - *Knowledge Sharing in Food Security and Agriculture: Improving Practice for Increased Impact* hosted by USAID Bureau for Food Security on March 28, 2012.
- Harley Stokes, FAQR Phase II Team Member held meetings with:
  - Pam Velez-Vega, Milanga Abeyesuriya, Vicki Michener from FANTA III on March 21, 2012 to identify any issues related to the potential uses of the data provided in the various reporting requirements, especially uses to improve program design and effectiveness.
  - Sharmel Genthon of USAID, Office of FFP to discuss the functions of the upcoming Management Information System and how it will affect reporting requirements.
- Nina Schlossman and GF&N attended/held the following meetings on behalf of FAQR II:
  - Teleconference with Quentin Johnson, January 4, 2012. The phone conference was held to discuss the proposal for a bagged food aid supply chain study, written by Paul Green, and to discuss updating specifications for FBF/FVO and the Cal Western Fortified Vegetable Oil proposal.
  - IFADC Working Group Meeting, January 13, 2012. The Working Group meeting was held to facilitate communication and collected ideas and suggestions for the upcoming IFADC in Kansas City. Dana Richey asked group members to submit input on conference theme, plenary topics/ speakers, breakout topics, and conference logistics; GF&N submitted their input on behalf of FAQR.
  - Bunge Pilot Plant and CSB-Danville Tour Conference Call, January 23, 2012.
  - Telcon with Steve Moody, January 24, 2012
  - Conference: *Is a Food Crisis Brewing in the Sahel?*, January 25, 2012. GF&N attended this conference to obtain information regarding the emerging/ potential food crisis in the Sahel. The conference expressed the need for food aid to be focused on children under 2 and pregnant and nursing women, with better targeting methods and rational allocation of assistance.
  - KSU and KCCO visit, January 31- February 2: Didion visit, Kansas State Meeting with stakeholders/ visit CSB production facility, share the methodology and projected timetable for completing the draft updates of these CRD documents.
  - Food Aid Agriculture Coalition Meeting, February 1, 2012. The meeting was held to bring together stakeholder in the agriculture industry to discuss key issues affecting agricultural policy today, and practical methodologies for addressing these issues. The meeting was attended by representatives from Cargill, the National

- Corn Growers Association, the U.S. Wheat Associations, the U.S. Dry Bean Council, and the North American Millers Association. GF&N attended this meeting to continue dialogue and communication with key industry stakeholders.
- o Feed the Future Stakeholder Meeting: *Efforts to Enhance Resilience in the Horn of Africa*, February 24, 2012. GF&N attended this meeting in order to continue collaborative efforts with other industry and PVO stakeholders and to receive updates on USAID's process for lining humanitarian assistance and development programs to enhance resilience in the Horn of Africa.
  - o Cal Western Fortified Vegetable Oil Conference Call, February 29, 2012. Nina, Nicole, and Quentin had a conference call with Jimmy Phelps, Barbara Smith and Bob Sindt of Cal Western Packaging (CWP) regarding the CWP proposal for pilot production of doubly fortified vegetable oil with vitamins A & D in order to get clarification of next steps, concerns, and procedures needed to move forward. Decisions on the amount of oil needed for field trials, and the run time for processing were made, and cost of testing was discussed. Revisions for the protocol were made by GF&N.
  - o The World Initiative for Soy in Human Health (WISHH) 2012 Nutrition and Development Conference, *Delivering Quality Global Nutrition: Farm to Food*, March 15, 2012. GF&N attended this conference as a representative for FAQR II. To receive updates on research on the quality and use of soy protein, and to gain perspective on soy protein use in international food aid. At this conference FAQR's recommendation to add whey protein in fortified blended foods was challenged by several speakers, including Dr. Paul Zimmer. FAQR II wrote a response to Dr. Zimmer, and is available upon request.

### I.3 Communications & Outreach

#### Web-Mediated Outreach

As of March 2012, membership on the FAQR website ([www.foodaidquality.org](http://www.foodaidquality.org)) is at 562 registered participants. Due to limited “user” space, any users who had not confirmed sign-up from the initial visit were gleaned in order to allow room for active users.

FAQR’s wiki has been updated for Phase II. The scope of work, the new team member bios, and some new pictures have been added for a more comprehensive look at the second phase. All materials from Phase I are still available. Any publications citing the FAQR full report were also updated on the website.

#### Broader Impact

“Improving Food Aid to Improve Maternal and Child Nutrition” Posting Date: February 2012

This paper, by Scott Bleggi through Bread for the World, addresses the importance of intervening in child malnutrition during the “1000 Days” window through a child’s second year of life. It discusses certain policies, research, and implications related to the tailoring of interventions to better aid children and mothers during critical periods.

This report can be accessed here:

<http://www.bread.org/institute/papers/briefing-paper-15.pdf>

### **Administration and Budget**

#### 2.1 Staffing

A Field Research Coordinator-Malawi position was posted and is expected to be filled in April 2012.

#### 2.2 Budget

The FAQR Phase II project is on track with its budget for the extension period through September 30, 2013.

### **Plans for the coming quarter (April-June 2012)**

April-June, 2012, represents the third quarter of implementation for FAQR Phase II.

### **Products**

- Continue work on review, modification and/or development of (harmonized) specifications for modified and recommended products; conduct stakeholder consultations with industry, USDA and USAID key informants

- Identify issues, capacity and timing for pilot production of upgraded FVO (adding vitamin D), milled cereals (revising the micronutrient premix) and development of CSB14 in preparation for acceptability trials and product testing (quality assurance)

**Programs**

- Initiate a comprehensive review of Title II program development guidance and the Commodities Reference Guide (CRG); meet with USAID and start stakeholder consultation to assess needs and potential uses of the material
- Continue the review of data reporting and data uses for programming
- Plan/Initiate field studies; a) CSB and oil and b) packaging/messaging of CSB
- Identify a second country that meets criteria for field studies
- Begin developing cost estimates of key components of the production and programming of commodities
- Develop methods for incorporating cost estimation into field studies

**Processes**

- Meet with USAID/FFP in ongoing consultation on FAQR Phase II activities
- Engage key organizations and individuals on the formation of an interagency between USAID-USDA.
- Hold Protein Quality Workshop #1
- Plan for Protein Quality Meeting #2
- Hold Industry and PVO consultation meetings
- Continue series of harmonization meetings with WFP, USAID and USDA as well as individual meetings
- Plan for next interagency (USAID-USDA) meeting (continuing from Phase I)

**Annex I: Updated FAQR Phase II Timeline of Activities**

<b>Activities</b>	<b>Year 1</b>				<b>Year 2</b>			
	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>
<b>Products</b>								
Development of specifications of the updated FBFs		X	X	X				
Testing and modification of new products			X	X				
Production, shelf life and acceptability trials				X	X			
Effectiveness and cost-effectiveness of new products, compared with alternatives							X	X
Production of new products				X	X	X	X	X
<b>Programs</b>								
Strengthen the evidence base of for food assistance programming			X	X				
Review of program guidance for programming provided to Title II implementing agencies			X	X	X	X		
Review of uses of data collected from Title II implementing agencies		X	X	X	X	X		
Review of supply chain-study of cost and logistical implications of prepositioning and local processing/packaging			X	X	X	X		
Study to assess feasibility of CSB programmed with oil			X	X	X	X		
Study to assess package changes/behavior change messages				X	X	X	X	
Study to assess the new CSB14 delivered with oil compared to LNS in the prevention and treatment of MAM and prevention of stunting and cost-effectiveness							X	X
<b>Process</b>								
Promotion of Public/Private Partnership		X	X	X	X	X	X	X
Formation of Interagency Food Aid Committee			X	X	X	X	X	X

Harmonization of food products	X	X		X		X	X	X
Strengthened consultative process	X	X	X	X	X	X	X	X
Review of supply chain issues			X	X	X	X	X	X

**Annex II. Protein Quality Workshop Agenda (updated on 3/30/12)****Protein Quality Workshop****Scientific Knowledge and Research Gaps Relating to Implications of Protein Quality and Amino Acids for Child Growth Promotion and Management of Wasting**

May 16-17, 2012

Jean Mayer USDA Human Nutrition Research Center on Aging (HNRCA)  
Tufts University  
711 Washington St  
Boston, MA 02111

Organized by the Tufts University Food Aid Quality Review and the Nevin Scrimshaw  
International Nutrition Foundation

Support for the Workshop is provided by USAID's Office of Food for Peace

**Tufts**  
UNIVERSITY

Gerald J. and Dorothy R.  
Friedman School of Nutrition  
Science and Policy

**Overview**

The aim of the Protein Quality Workshop is to bring together members of the research, academic, and policy communities in the area of protein and amino acids to discuss the core science and policy implications around protein quality and source in relation to child growth promotion, management of wasting, and maternal nutrition in developing country settings.

**Workshop goals**

- Review the current requirements of protein and amino acids for different vulnerable groups (e.g. children, mothers, HIV/AIDS population)
- Understand concepts of protein quality and amino acid balance and current methods for evaluating protein quality
- Review the current status of research in protein and amino acids in child and maternal nutrition
- Identify policy and program implications and areas in which future research is needed



**Outcome**

A supplement will be published in the *Food and Nutrition Bulletin* as a product of the workshop outlining a research agenda and the key issues and scientific questions that still need to be addressed around the area of protein, protein quality, and growth and development.

**Agenda****Day 1 - May 16, 2012****9:00am Welcoming Address**

*Patrick Webb, Ph.D., Friedman School of Nutrition Science and Policy, Tufts University*

**Keynote Address**

*Ricardo Uauy, M.D., Ph.D., London School of Hygiene and Tropical Medicine and University of Chile*

**9:30am Session I: Protein and Amino Acid Requirements and Assessment of Protein Quality**

Introduction by Chair: *Anura Kurpad, M.D., Ph.D., St. John's Research Institute*

☐ *Anura Kurpad, M.D., Ph.D., St. John's Research Institute*

☐ *Paul Pencharz, M.B., Ch.B., Ph.D. The Hospital for Sick Children and University of Toronto*

☐ *Alan Jackson, Ph.D. University of Southampton*

**12:00pm Lunch****1:00pm Session 2: Protein sources to meet needs for growth**

Introduction by Chair: *Irwin Rosenberg, M.D., Friedman School of Nutrition Science and Policy, Tufts University*

☐ *Shibani Ghosh, Ph.D. Friedman School of Nutrition Science and Policy, Tufts University*

☐ *Kim Michaelsen, M.D., Sc.D. University of Copenhagen*

☐ *Thomas Badger, Ph.D. University of Arkansas for Medical Sciences*

☐ *Kathryn Dewey, Ph.D. University of California, Davis*

☐ *Mark Manary, M.D. Washington University School of Medicine*

**5:00pm End****6:30pm INF Protein and Amino Acid Working Group Sponsored Dinner**

*MARKET Restaurant at the W Hotel, 100 Stuart St, Boston*

**Day 2 - May 17, 2012****9:00am Session 3: Interventions comparing protein sources in prevention and treatment of wasting and stunting**

Introduction by Chair: *Ricardo Uauy, M.D. Ph.D. London School of Hygiene and Tropical Medicine and University of Chile*

- ☐ *Mark Manary, M.D. Washington University School of Medicine*
- ☐ *Kim Michaelsen, M.D., Sc.D. University of Copenhagen*
- ☐ *Lindsay Allen, Ph.D. University of California, Davis*

**12:00pm      Lunch**

**1:00pm      Session 4: Emerging concepts which influence future estimation of protein requirements**

Introduction by Chair: *Shibani Ghosh, Ph.D. Friedman School of Nutrition Science and Policy, Tufts University*

- ☐ *Ricardo Uauy, M.D., Ph.D., London School of Hygiene and Tropical Medicine and University of Chile*
- ☐ *Daniel Tome, Ph.D. Institut National Agronomique Paris-Grignon*
- ☐ *Farook Jahoor, Ph.D., Baylor College of Medicine*

**2:45pm      Session 5: Summary of workshop, policy implications, and future directions**

Introduction by Chair: *Patrick Webb, Ph.D., Friedman School of Nutrition Science and Policy, Tufts University*

*Panel of session chairs, with rapporteurs summaries*

**3:45pm      Closing Remarks (TBD)**

The closing discussion will focus primarily on research gaps and future directions for empirical protein studies, as well as wrap up anything that has arisen in the course of the previous sessions.

**4:30pm      End**

**Annex III: Harmonization Meeting #2 Agenda**

Gerald J. and Dorothy R.  
Friedman School of  
Nutrition Science and Policy



**Harmonization Meeting #2**  
**Agenda**  
**FAQR Phase II**

**January 31, 2012**  
**9 AM-4:30 PM**

**WFP Conference Room**  
**2175 K Street, NW, Suite 500, Washington, D.C.**

*The aim of this meeting is to continue discussion on areas of potential harmonization among agencies programming food aid with nutritional goals and to reach agreement on the process for continued collaboration.*

**Goals of current meeting:**

- 1) Identify the steps to get closer to consistent products and processes**
- 2) Derive principles for harmonization**
- 3) Define a process for coming up with reconciled products and specifications**
- 4) Identify starting points**

**9AM-12PM**

**Summary of Previous Harmonization Meeting**

**Principles underlying harmonization**

- Quick wins
- Process by which current specifications were reached
- How to engage with key stakeholders (USDA, USAID, and WFP)

**Areas where harmonization is needed**

- Specifications for all product lines
  - Principles
  - Processes: increasing transparency by which WFP, USAID, USDA, Tufts reached decisions on specifications
  - Status of current CID for CSB and CSB+ ; implications for process of harmonization
- Food safety standards and quality assurance processes
  - Role of Codex and US standards
  - Steps to harmonize

- o “Fit for Human Consumption”
  - o Issues around differences between WFP and USDA procurements
  - o Follow up from Didion Site Visit
  - o Standardization of end item testing
  - o Review of contract modification for U.S. produced CSB+
  - **Procurement and Packaging Issues**
    - o Common product and facility approval process
    - o Common handling of patent issues
    - o Common language in procurement documents
    - o Packaging issues and experience with packaging
      - ☐ Marking
      - ☐ Package size
      - ☐ Materials
    - o Long term contracting (US vs. WFP experience)
    - o Cost issues
    - o Documentation of procurement
- Current issues**
- Update on marking of RUSF
  - Update on USDA CID for CSB14

**12PM-2PM                      Lunch and Continued Discussion**

**2PM-3PM**

**Introductions**

**General Update/Overview of FAQR Phase II Year I activities**

**Update on harmonization discussions to date**

**Open Discussion on Harmonization Plans**

- Areas of potential harmonization points among agencies (USDA,USAID, WFP) dealing with food aid with nutritional goals
  - o For example: testing requirements, source selection, quality information systems, food safety standards and quality assurance
- Steps towards achieving harmonization across products and processes
- Identification of Key agency representation for harmonization process
- Future Interagency Meetings

**3PM-4PM**

**USAID updates**

**USDA updates**

**WFP updates**

**Annex IV. FAQR Phase II Meeting Agenda**

**Agenda**  
**FAQR Phase II Team Meeting Part I**  
***Processes and Programs***  
**March 27, 2012**  
**10:30 AM-4PM**

**10:30 AM – 12:30 PM****Updates****Processes**

Harmonization

Future Industry Meetings/Kansas City

Interagency Formation

- Farm Bill
- Future Interagency Meetings

Protein Workshop

**Programs**

Review of Data Collected from Title II implementing agencies

Review of Program guidance to Title II implementing agencies

Field Studies

**12:30 PM-1:30 PM****Lunch and Cont. Updates****1 AM- 4 PM****Other/Team Debrief**